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## What Is Claimed Is:

1. A disk drive system having an array controller that receives a write command from a host, comprising:

a write stack drive to receive said write command and to store write operations within said write command with write stack operations on a non-volatile cache memory; and

a normal drive to receive said write command and to execute said write operations within said write command.

- 2. The disk drive system of claim 1, wherein said non-volatile cache memory acts as a stack memory.
  - 3. The disk drive system of claim 1, wherein said write command stores data in a storage media.
  - 4. The disk drive system of claim 1, wherein said non-volatile cache memory comprises a plurality of tracks.
- 15 5. The disk drive system of claim 1, wherein said write stack drive sends a complete command when said write stack operations are completed.
  - 6. The disk drive system of claim 1, wherein said write stack drive comprises metadata to reflect data within said write stack drive.
- 7. A disk drive that executes write commands on a storage media coupled to a normal drive, comprising:

a write stack drive comprising a non-volatile cache memory having a plurality of tracks, wherein said plurality of tracks store data from write stack operations for said write commands; and

a metadata file to identify the data stored within said write stack drive.

- 8. The disk drive of claim 7, wherein said non-volatile cache memory is a stack memory.
- 9. The disk drive of claim 7, wherein said write stack drive mirrors said normal drive.
- 5 10. The disk drive of claim 7, further comprising a marker sector for each write stack operation stored within said write stack drive.
  - 11. The disk drive of claim 10, wherein said marker sector includes a valid data flag.
- 12. The disk drive of claim 7, wherein said write commands arereceived from an array controller coupled to said disk drive.
  - 13. A system for executing a write command, comprising: an array controller coupled to a disk drive;

a write stack drive within said disk drive to receive said write command, wherein said write stack drive comprises a non-volatile cache stack memory to perform write stack operations for said write command;

a metadata file to indicate data within said stack memory; and a normal drive within said disk drive to execute write operations for said write command.

- 14. The system of claim 13, wherein said stack memory comprises line 20 tracks.
  - 15. The system of claim 13, further comprising a host to initiate said write command to said array controller.
  - 16. The system of claim 13, wherein said write stack operations include marker sectors.

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17. A method for executing a write command using a disk drive, comprising:

receiving said write command at a write stack drive;

performing write stack operations for write operations within said write command on a non-volatile cache memory within said write stack drive; and

executing said write operations within a normal drive with data stored in said write stack operations.

- 18. The method of claim 17, further comprising responding with a command complete upon completion of said write stack operations.
  - 19. The method of claim 18, wherein said responding comprises sending said command complete from said write stack drive.
  - 20. The method of claim 17, further comprising receiving said write command from an array controller.
- 15 21. The method of claim 17, further comprising updating a metadata file when said write stack operations are performed.
  - 22. The method of claim 17, wherein said performing comprises writing data from said write command to a line track within said cache memory.
- 23. The method of claim 22, further comprising positioning a pointer to20 another track when said writing is completed.
  - 24. A method for writing data to a disk drive, comprising:
    receiving a write command at an array controller;
    receiving said write command at a write stack drive from said array
    controller;
- performing write stack operations for said write command on a nonvolatile cache memory within said write stack drive, wherein said write

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stack operations store said data on tracks of said non-volatile cache memory;

receiving said write command at a normal drive;
executing write operations at said normal drive with said data; and
indicating to said array controller that said write command is
complete.

- 25. The method of claim 24, wherein said indicating comprises sending a command complete from said write stack drive.
- 26. The method of claim 24, further comprising positioning said line track within said write stack drive.
  - 27. The method of claim 24, further comprising updating a metadata file that indicates current data within said write stack drive.
  - 28. A method for writing data to a normal drive within a disk drive, comprising:

receiving said data at a write stack drive;

performing a write stack operation to store said data within a nonvolatile cache memory within said write stack drive; and

sending said data to said normal drive.

- 29. The method of claim 28, further comprising committing said data to 20 an LRU cache.
  - 30. The method of claim 28, further comprising executing said write command at said normal drive.
  - 31. The method of claim 28, further comprising receiving said data at said normal drive.